

04-29-2003

FROM: Dale Reich

TO: F.C.C.

RE: RM-10682 FRS / GMRS Changes

Today I received a Radio Shack monthly flyer with a ad for a GMRS radio with Family channels at Higher Power listing 22 Channels.

I've used a lot of Radio Shack Products in the past and still also in the future. It looks as if Radio Shack is trying to also start a flood of more un-licensed stations, so that GMRS will become a "Un-regulated" service as did Class C, and Class D 11 meter [27 Mhz] Citizen Band.

This is truly a GMRS radio and it shares several frequency with FRS, but every body know that FRS requires no license. Also the communications has not cleared up in part 95 rules if communications between licensed GMRS to FRS is on the ethical basis. So the Radio Shack 22 Ch GMRS is truly only a GMRS radio, as it advertized on the FRS channels the public is not truly aware of the facts of un-licensed or bootleg operation.

The general public will more or less not want to pay a high license fee, and will in effect bootleg! This is a carbon copy of the the rule changes in the 1960's to 1970 with the part 15 walkie that shared the then licensed 11 meter [27 Mhz] Band. History of unregulated and un-controlled by the commission will soon make GMRS useless even if my requested changes take place.

From early cordless telephone system with only 3 working channels then expanded to 5 working channels, then expanded to 10 working channels in Low Band [30 Mhz to 50 Mhz] the commission was a tad to late in providing the need public channels. When the commission was pressed by the public for more cordless channels in Low Band they found the frequencies making the system 25 Low Band Channels. They can find a few more FRS Channels, as they did with the unusual band split channels between 16 and 25 In the Low Band.

The odd split, and erratic band plan for the last of the 16 to 25 channels of the old cordless phone system was a good last fix by the commission. All services in Low Band were affected because of the random odd frequency splits, Police, Fire, IB, and lots of other. At present no one is manufacturing the old 25 Channel Low Band Cordless Phones! They have given up because the channels are cluttered and useless with over use. The future is 2.4 GHZ common place, and 5.8 GHZ systems for cordless phones. The FCC's task should be finding a few more channels for the FRS and GMRS that don't overlap! There is a second thought to make GMRS and FRS one Service also.

Again I stress if some [Third World] or [Back Water] Rural nation can have 69 Family Type Channels in their system, The commission should be in the for-front with the additional channels for FRS

as well as Emergency Communications as suggested in old RM-10019 that was need, but the technical standards current mfg equipment was not thought through in the commission past rullings.

I reviewd a series of papers that showed modifications to FRS radios, make the antenna removable, change SMA to a BNC and defeat the manufactures "Reverse" antenna gnd system. Some of the papers dealt with using "Ham" UHF linears, and Beam Antennas to extend the FRS range. There are "Full" powered Base Stations using FRS today through out the USA un-licensed. This is all a [Carbon Copy] of the 1960's through the 1980's with Illegal CB equipment. The commission needs to start the serious enforcment standards, and make issue with over powered FRS systems that keeps the common citizen from using it!

The commission need's to make changes in allowing some of the minor thing that the public is doing now Illegal on the FRS. The other night I was monitoring a "Ham" talking to another "Ham" how to open up a FRS radio for more channels and also do the mod's for a beam antenna. Clearly outside the rules. What the commission addressed as a Ultra Short Range Service FRS in the plan has been overlooked by the public.

I also wish to point out that the FRS type radio is sold in some heavy populated nation with only 8 Channels. Some fregeuncys should be more power, and some should be less in this proposed RM'ing, The commission need's to take a long look at future research for FRS and make the plans soon before the FRS equipment become usless like the old 25 channel cordless phones. Split GMRS / FRS or Share FRS & GMRS should be addressed by the commission! Find the frequencys perhaps with the new 1.4 kc VNBFM, or Digital Modulation only!

Again no working spell checker here, so I would hope that you can decode my remarks, Thanks

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